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Assessment and Prevention of Mine Fires and Gas Disasters

Guest Editors:

Prof. Dr. Haiyan Wang
School of Emergency Management and Safety Engineering, China University of Mining & Technology, Beijing, China

Dr. Feng Li
School of Emergency Management and Safety Engineering, China University of Mining & Technology, Beijing, China

Deadline for manuscript submissions:
closed (31 May 2024)

Message from the Guest Editors

Mine fires and gas disasters pose significant threats to mining operations worldwide, impacting safety and productivity. Assessing mine environments is crucial in identifying potential fire and gas disaster risks.

For this Special Issue, both original articles and reviews are welcome for submission. Topics of interest for publication include, but are not limited to:

- Theories and catastrophes caused by explosions in the fields of natural gas and mines;
- Risk assessment of explosion accidents in gas fields and mines;
- Gas pipeline leakage detection, location, and early warning technology;
- Mines, gas explosion risk monitoring, and early warning theories and technology;
- Theory and technology of mines and gas explosion accident prevention and emergency response;
- Safety protection technology for mines, and gas explosions.